

Tennessee Technological University - Fall 2019

ME3023 Laboratory Challenge 9 - MyDAQ with MATLAB

- The National Instruments MyDAQ data acquisition hardware can be used in the MATLAB programming environment and the Data Acquisition Toolbox.
- This allows you to input and output signals directly to and from MATLAB.
- This requires MATLAB and the “NI myDAQ Support from MATLAB” add on. The software is pre-installed on the lab computers but can be used with your free student license.
- Tutorials for Mathworks:
 - [Data Acquisition Toolbox](#)
 - [Analog Input and Output](#)
 - [Digital Input and Output](#)
- Challenge: Replicate a previous lab challenge using the MyDAQ with MATLAB system. Record the necessary signals and if possible generate any needed excitation signals using the MyDAQ.